

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/013613

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08K9/00 C09C1/00 C08K3/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08K C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 37 18 277 A1 (METALLGESELLSCHAFT AG, 6000 FRANKFURT, DE) 15 December 1988 (1988-12-15) claims; example 3; table 3	1, 10, 12-17
A	DE 33 47 191 A1 (ONAHAMA SAKAI KAGAKU K.K.; ONAHAMA SAKAI KAGAKU K.K., IWAKI, FUKUSHIMA,) 28 June 1984 (1984-06-28) page 12, line 13 - page 14, line 27; claims	1, 10, 12-17
A	US 2003/124048 A1 (HARDINGHAUS FERDINAND ET AL) 3 July 2003 (2003-07-03) claims	1, 10, 12-17
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

7 April 2005

Date of mailing of the international search report

21/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 006, no. 127 (C-113), 13 July 1982 (1982-07-13) & JP 57 051119 A (ONAHAMA SAKAI KAGAKU KK), 25 March 1982 (1982-03-25) abstract	1,10, 12-17
A	EP 0 406 657 A (MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG; MERCK PATENT GMBH) 9 January 1991 (1991-01-09) column 3, line 27; claims	1,10, 12-17
A	GB 936 057 A (SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ N.V.) 4 September 1963 (1963-09-04) claims; tables I,III	1,10, 12-17
A	US 5 008 309 A (IBE ET AL) 16 April 1991 (1991-04-16) column 3, line 16 - column 4, line 64; claims; example 1	1

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/013613

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 3718277	A1	15-12-1988	AT 65251 T CN 88103235 A ,B CZ 8803633 A3 DD 270701 A5 DE 3840039 A1 DE 3863695 D1 DK 290288 A EP 0293622 A1 GR 3002419 T3 JP 63315516 A PL 272768 A1 SK 363388 A3 US 4894093 A	15-08-1991 21-12-1988 15-10-1997 09-08-1989 07-06-1990 22-08-1991 01-12-1988 07-12-1988 30-12-1992 23-12-1988 06-02-1989 07-10-1998 16-01-1990
DE 3347191	A1	28-06-1984	JP 1493623 C JP 59122553 A JP 62025707 B JP 1493624 C JP 59122554 A JP 62025708 B JP 1355530 C JP 59122528 A JP 61021972 B DE 3348108 C2 GB 2134094 A ,B GB 2174999 A ,B US 4505755 A US 4551497 A	20-04-1989 16-07-1984 04-06-1987 20-04-1989 16-07-1984 04-06-1987 24-12-1986 16-07-1984 29-05-1986 27-10-1988 08-08-1984 19-11-1986 19-03-1985 05-11-1985
US 2003124048	A1	03-07-2003	DE 10026791 A1 AT 267145 T AU 6033201 A BR 0111233 A CN 1431971 A DE 50102337 D1 DK 1292539 T3 WO 0192157 A1 EP 1292539 A1 JP 2003535010 T PT 1292539 T US 2004197262 A1	06-12-2001 15-06-2004 11-12-2001 10-06-2003 23-07-2003 24-06-2004 28-06-2004 06-12-2001 19-03-2003 25-11-2003 30-09-2004 07-10-2004
JP 57051119	A	25-03-1982	JP 1493586 C JP 63027293 B	20-04-1989 02-06-1988
EP 0406657	A	09-01-1991	DE 3922178 A1 AU 5872490 A BR 9003190 A DE 59006957 D1 EP 0406657 A1 ES 2057281 T3 JP 2081389 C JP 3045660 A JP 7103324 B KR 156253 B1 US 5407746 A	17-01-1991 10-01-1991 27-08-1991 06-10-1994 09-01-1991 16-10-1994 09-08-1996 27-02-1991 08-11-1995 16-11-1998 18-04-1995
GB 936057	A	04-09-1963	FR 1345212 A	06-12-1963

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/013613

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5008309	A	16-04-1991	NONE

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